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LETCWORTH URBAN DISTRICT COUNCIL



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Annual Report

of the

Medical Officer of Health

for the year

1957

including the


REPORT

of the

CHIEF PUBLIC HEALTH INSPECTOR

B.

ANNUAL REPORT
of the
MEDICAL OFFICER OF HEALTH



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LETCHWORTH URBAN DISTRICT COUNCIL



Annual Report

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CHIEF PUBLIC HEALTH INSPECTOR

PUBLIC HEALTH STAFF 1957

MEDICAL OFFICER OF HEALTH:

VICTOR R. WALKER, M.B., CH.B., B.SC., D.P.H.
(also Divisional M.O., Herts C.C.)

CHIEF PUBLIC HEALTH INSPECTOR:

ARTHUR JUMP, F.A.P.H.I.

ADDITIONAL PUBLIC HEALTH INSPECTORS:

KENNETH A. BENNETT, M.A.P.H.I.

KENNETH MORGAN, M.A.P.H.I.

ALLAN E. FLINTOFF, M.A.P.H.I. (resigned February)

AMBROSE ROWE, M.A.P.H.I.

HARRY FORREST, M.A.P.H.I. (from July)

CLERICAL ASSISTANTS:

MRS. V. A. JAMES

MISS E. A. HENDERSON

RODENT OPERATIVE GENERAL ASSISTANT:

E. A. CASTLE

To the Chairman and Members of the Letchworth Urban District Council

Mr. Chairman,

At the request of the Ministry of Health, and in accordance with the Sanitary Officer's Orders, the following report is submitted. It is the thirty-ninth annual report on the sanitary circumstances and vital statistics of your district.

SECTION A. STATISTICS AND SOCIAL CONDITIONS
OF THE AREA

The area of the district is 4,897 acres.

Inhabited Houses. There were 7,232 occupied dwellings according to the rate books at 31st December.

Population. The Registrar-General estimates the civilian population for mid year 1957 to be 22,400, an increase of 200 persons.

Rateable Value. The rateable value is estimated to be £317,483 and the product of the penny rate is £1,314.

VITAL STATISTICS

Births

		Total	Males	Females
Live births: Legitimate	...	362	187	175
Illegitimate	...	11	7	4
Totals	...	373	194	179

The birth rate is 16·7, which compares with that of 16·1 for England and Wales. Last year the rate was 13·5.

		Total	Males	Females
Still births: Legitimate	...	10	6	4
Illegitimate	...			
Totals	...	10	6	4

The still-birth rate per thousand live and still births is 26·1 and compares with the rate of 22·4 for England and Wales.

DEATHS

Total 205. Males 117, Females 88.

The same number as last year. The crude death rate is 9.1 and the standardized death rate is 9.7 per thousand civilian population compared with 11.5 for England and Wales.

Infant Deaths

			Deaths under four weeks	Total deaths under one year
Legitimate	...	...	8	11
Illegitimate	...	...
Totals	...	...	<u>8</u>	<u>11</u>

The infant mortality rate per thousand live births is 29.5 and compares with the rate of 23.0 for England and Wales.

The causes of death were:

Ref. No.			Males	Females
1	Tuberculosis of respiratory system	...	2	—
3	Syphilitic disease	...	—	—
5	Whooping cough	...	—	—
9	Other infective and parasitic diseases	...	—	—
10	Malignant neoplasm, stomach	...	4	5
11	„ „ lung bronchus	...	5	2
12	„ „ breast	...	—	4
13	„ „ uterus	...	—	1
14	Other malignant and lymphatic neoplasms	...	12	9
15	Leukæmia, aleukæmia	...	1	1
16	Diabetes	...	—	—
17	Vascular lesions of nervous system	...	14	15
18	Coronary disease, angina	...	28	14
19	Hypertension with heart disease	...	1	2
20	Other heart disease	...	15	9
21	Other circulatory disease	...	6	2
22	Influenza	...	—	—
23	Pneumonia	...	1	3
24	Bronchitis	...	7	—
25	Other respiratory diseases	...	—	—
26	Ulcer, stomach and duodenum	...	—	—
27	Gastritis, enteritis and diarrhoea	...	—	1
28	Nephritis, and nephrosis	...	—	1
29	Hyperplasia of prostate	...	—	—
30	Pregnancy, childbirth, abortion	...	—	—
31	Congenital malformations	...	4	2
32	Other defined and ill-defined diseases	...	9	14
33	Motor vehicle accidents	...	2	—
34	All other accidents	...	3	2
35	Suicide	...	<u>3</u>	<u>1</u>
	Totals all causes	...	117	88

There was no unusual or excessive mortality during the year; there were no deaths from diphtheria, measles or whooping cough.

Tables I, II and III give comparative vital statistics for the years 1953 to 1957 inclusive. Death rates and birth rates are based on the Registrar-General's estimate of the population.

TABLE I

			1953	1954	1955	1956	1957
Cancer							
Number of deaths:							
Males	...	...	20	20	20	23	21
Females	...	...	17	20	28	24	21
Death rate per 1,000 pop.	...	...	1.7	1.8	2.2	2.1	2.0
Puerperal Causes							
Number of deaths	...	...	—	—	1	—	—
Death rate per 1,000 births	...	...	0.0	0.0	3.1	0.0	0.0
Pulmonary Tuberculosis							
Number of cases notified:							
Males	...	...	75	68	88	75	62
Females	...	...	28	22	40	24	27
Attack rate per 1,000 pop.	...	...	0.66*	0.54*	0.36*	0.4*	0.36*
Number of deaths:							
Males	...	...	—	2	—	—	2
Females	...	...	1	1	—	—	—
Death rate per 1,000 pop.	...	...	0.1	0.14	0.0	0.0	0.09
Non-Pulmonary Tuberculosis							
Number of cases notified:							
Males	...	...	2	3	6	3	3
Females	...	...	4	4	2	1	1
Attack rate per 1,000 pop.	...	...	0.1*	0.09*	0.0*	0.18*	0.09*
Number of deaths:							
Males	...	...	—	—	—	—	—
Females	...	...	—	—	—	—	—
Death rate per 1,000 pop.	...	...	0.0	0.0	0.0	0.0	0.0

* Based on number of local new cases (1957—pulmonary 8, non-pulmonary 2)

TABLE II

URBAN DISTRICT OF LETCHWORTH

		Census years							
		1921	1931	1951	1953	1954	1955	1956	1957
Number of inhabited houses	December 31st	...	2,708	3,897	5,887	6,413	6,507	6,738	7,232
Population—Registrar-General's estimate		...	10,302	14,454	20,321	21,260	21,760	22,200	22,400
Number of live births	...	...	291	217	337	319	307	299	373
Birth rate:	Crude	21.3	15.0	16.3	15.0	14.0	14.1	13.5	16.7
	Standardized			15.4	15.0	14.0	14.1	13.5	16.7
Number of infant deaths	...	...	12	9	8	7	5	11	11
Infant mortality	...	...	55	41.4	24	22	16.6	36.8	29.5
Maternal mortality	...	...	0.0	17.7	0.0	0.0	3.1	0.0	0.0
Number of deaths	...	...	77	105	200	200	218	218	205
Death rate:	Crude	7.5	7.2	9.7	9.4	8.2	10.0	9.8	9.1
	Standardized			10.5	9.8	8.5	10.4	10.5	9.7

TABLE III

LETCHWORTH URBAN

	Census years							
	1921	1931	1951	1953	1954	1955	1956	1957
Birth rate (crude)	21.3	15.0	16.3	15.0	14.0	14.1	13.4	16.7
(standardized)			15.4	15.0	14.0	14.1	13.4	16.7
Death rate (crude)	7.5	7.8	9.7	9.4	8.2	10.0	9.8	9.1
(standardized)			10.5	9.8	8.5	10.4	10.5	9.7
Infant mortality	55	41	24	22.0	16.6	16.2	36.8	29.5

ENGLAND AND WALES

Birth rate	...	22.4	15.8	15.5	15.5	15.1	15.0	15.7	16.1
Death rate	...	12.1	12.3	12.5	11.4	11.3	11.7	11.7	11.5
Infant mortality...		83	66	29.6	26.8	25.5	24.9	23.8	23.0

SECTION B. GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

(i) *Staff.* See page 5 of Report.

For details of the work carried out by the Public Health Inspectors reference should be made to the report of the Chief Inspector.

(ii) *Other Services.*

Section 47 National Assistance Act, 1948. National Assistance (Amendment) Act, 1951. No official action was taken, but two cases were dealt with informally during the year.

SECTION C. SANITARY CIRCUMSTANCES OF THE AREA

1. (i) *Water.* In response to circular 170/47, I submit the following information:

The water undertakers are First Garden City Ltd., who obtain their supply from deep wells in the chalk to the east of Letchworth Gate. The supply has been satisfactory in quality and quantity.

The supply is sampled bacteriologically every two weeks, the samples being taken systematically at the pumping stations and from various points in the area of supply. The results are uniformly satisfactory. Chemical analyses are taken every four weeks and show little variation. There is no plumbo-solvent action. The supply is subjected to chlorination. With the exception of Roxley Court, and two houses, a petrol filling station and a café at Jack's Hill to the south-west, all the properties in the Urban District are provided with a direct piped supply of water from the Company's mains. There are no standpipes. The supplies from the private wells are kept under observation and are sampled.

<i>Drainage and Sewerage</i>	}	No change.
<i>Rivers and Streams</i>		
<i>Closet accommodation</i>		

Public Cleansing. The whole of this work is carried out under the supervision of the Surveyor. The house refuse is disposed of by "controlled tipping" at the Arlesey clay pits in the Biggleswade rural district.

Swimming baths and pools. The Council's open-air swimming pool in the Norton Common continues to be well patronized, and there were 94,837 attendances during the year. A series of samples were taken and submitted to bacteriological examination. The results were satisfactory, and the staff are again to be congratulated on maintaining a consistently high hygienic standard.

PRESCRIBED PARTICULARS OF THE ADMINISTRATION OF THE FACTORIES ACT 1937

PART I OF THE ACT

1.—*Inspections* for purposes of provisions as to health (including inspections made by the Public Health Inspectors)

Premises	M/c line No.	Number on Register	Inspections	Number of notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	7	14	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the local Authority	2	166	148	8	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	3	11	30	6	—
Total	...	184	192	14	—

PART VIII OF THE ACT—OUTWORK (Sections 110 and 111)

Nature of Work	M/c line No.	Section 110		Section 111	
		No. of out-workers in August list	No. of cases of default in sending lists	No. of instances of work in unwholesome premises	Prosecutions served
Wearing apparel: making, etc.	13	59	—	—	—
Total	...	59	—	—	—

PART I OF THE ACT

2.—Cases in which *defects* were found

Particulars	Number of cases in which defects were found					No. of cases in which prosecutions were instituted
	M/c line No.	Found	Remedied	To H.M. Inspector	Referred By H.M. Inspector	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Want of cleanliness (S.1) ...	...	5	5	—	—	—
Overcrowding (S.2) ...	5	—	—	—	—	—
Unreasonable temperature (S.3) ...	6	—	—	—	—	—
Inadequate ventilation (S.4) ...	7	—	—	—	—	—
Ineffective drainage of floors (S.6) ...	8	—	—	—	—	—
Sanitary Conveniences (S.7)						
(a) Insufficient ...	9	4	4	—	—	—
(b) Unsuitable or defective ...	10	7	7	—	1	—
(c) Not separate for sexes ...	11	—	—	—	—	—
Other offences against the Act (not including offences relating to out-work)	12	7	8	3	—	—
Total	—	23	24	3	1	—

SECTION D. HOUSING

During 1957 the following premises were erected and occupied:

Council Schemes

Houses	...	...	...	...	...	...	47
Flats	...	...	...	...	...	...	—

Other Persons

Houses and bungalows	...	...	...	...	115
Total	...	...	...	...	162

The quarterly returns made to the Ministry showed that 93 houses were made fit during the year following informal action, and that a further 34 houses were enlarged, improved and repaired under the 1954 and 1957 Acts. One house closed during 1956 was demolished this year.

SECTION E. INSPECTION AND SUPERVISION OF FOOD

Meat, Milk and other Foods

Full details of the work carried out will be found in the report of the Chief Public Health Inspector. There is only one manufacturer of ice cream and all the sample results proved satisfactory.

Clean Food

There was no special campaign. Food shops and food preparing places are regularly inspected and opportunity is then taken to give advice on the clean handling of food to the personnel concerned.

(1) The types of food premises in Letchworth are as follows: butchers 19; cafés, refreshment houses and snack bars 15; confectioners 27; dairies 3; fish shops 3; greengrocers and fruiterers 10; grocers and provision merchants 28; food warehouses 3; bakehouses 3; mineral water manufacturer 1;

margarine manufacturer 1; dehydrated food manufacturer 1; bacon factory and meat product manufacturer 1; school canteens 11; factory canteens (serving snacks) 35, (main meals) 24.

(2) Premises registered under section 16 of the Food and Drugs Act: sale and manufacture of ice cream 46; manufacture of sausage and meat products (preserved food) 18; registered under the Milk and Dairies Regulations 1949, distributors 6; retailers with premises outside the district 3.

Food Poisoning

One suspected outbreak was investigated, but not confirmed.

SECTION F. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

For the year 1957 totals of acute infectious diseases (after correction) were: measles 694, whooping cough 54, acute pneumonia 24, scarlet fever 2, erysipelas 1, ophthalmia neonatorum 1, puerperal pyrexia 1, and infective hepatitis 1.

Measles and whooping cough had their main incidence in the first quarter of the year.

Scarlet fever is seen to have been remarkably infrequent.

Of the notified cases of *acute pneumonia* all but two were in the fourth quarter as an accompaniment of the epidemic of Asian influenza.

Acute poliomyelitis is seen to have been completely absent from the district during the year.

Diphtheria was again absent for another year. Nevertheless the offer of immunisation against this formerly dreaded disease continues to be accepted by a good proportion of parents. The offer of vaccination against whooping cough for children under two years also continues to be widely accepted.

TUBERCULOSIS

NEW CASES AND DEATHS DURING THE YEAR 1957

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
0-1	—	—	—	—	—	—	—	—
1-5	—	—	—	—	—	—	—	—
5-15	—	—	1 (1)	—	—	—	—	—
15-25	1 (21)	1 (10)	—	—	—	—	—	—
25-35	1 (27)	— (10)	— (1)	1	—	—	—	—
35-45	— (6)	1 (3)	—	—	—	—	—	—
45-55	— (3)	—	—	—	—	—	—	—
55-65	2	—	—	—	1	—	—	—
65 & over	1	— (1)	—	—	1	—	—	—
Not known	—	1 (1)	—	—	—	—	—	—
Totals	5+(57)	3+(24)	1+(2)	1	2	—	—	—
Deaths allocated by the Registrar General after final transfers					2	—	—	—

Footnote: In addition to the new cases first notified within the district there is shown in brackets additional figures of cases transferred to the local register from other areas.

Comment: New notifications during the year from within the district were 8 respiratory and 2 non-respiratory; for the previous year the corresponding figures were 9 and 6.

The two deaths in the district were in both cases elderly males.

CONCLUSION

Local mortality rates are seen to be generally favourable, and the local birth rate (16·7) is above the national birth rate (16·1).

I would again acknowledge every help from the chief officers of your Council and particularly my indebtedness to your Chief Public Health Inspector, Mr. Arthur Jump, for his unfailing helpfulness and local knowledge. The completion of this report is again made easy by his most valuable assistance.

I am, gentlemen,

V. R. WALKER,

District Medical Officer of Health.

June 1958.

REPORT OF CHIEF PUBLIC HEALTH INSPECTOR

I submit my twenty-seventh annual report on the work carried out by the Public Health Inspectors. During 1957 the activities of the department were less interfered with by changes in personnel. Mr. A. Flintoff resigned in February to take up an appointment at Stevenage, and Mr. H. Forrest commenced duties in July.

Housing. A total of ninety-three houses were made fit during the year as a result of informal action and one house was made fit by the owner following statutory action. As in past years a considerable amount of work was done in connection with improvement grants and thirty-four houses were enlarged, improved and brought up to a modern standard during 1957. This work is most valuable and does enable the occupiers of the older cottages to enjoy the additional amenities now accepted as normal in new houses.

The new Rents Act procedures caused a considerable amount of work, but the initial impact passed over with little untoward effect. Three outstanding certificates of disrepair issued under the 1954 Act were revoked, the works being completed prior to the new Act. Five applications for certificates of disrepair under the new Act were received and notices of intention to issue certificates of disrepair were served on the owners of these properties. In all the cases the owners gave an undertaking to carry out the necessary works.

The general housing position is satisfactory, there being few cases of overcrowding and the cases of bad living conditions that come to the notice of the department are now much less frequent. There are however two matters that need comment. A special report was presented to the Health Committee in August in connection with the living conditions at the hostel used by the Hungarian refugees. By the end of the year a number of improvements had been effected and there was a better standard generally. The second matter concerns a new problem to Letchworth, houses solely used for occupation by Indian nationals (and in some cases also used

by West Indians). At the end of the year the number of houses used for this purpose was increasing, but the department is making every effort to control the problem and to prevent legal overcrowding.

Inspection of Meat and Other Foods. A large number of animals continue to be slaughtered for food in Letchworth and the meat inspection duties form a considerable proportion of the work of the department. Much of the meat is exported to London and elsewhere and consequently the Ministry Circular FSH 2/57 dealing with the special Exchequer grant was welcomed by the local authority. The financial help now received does give the local authority some recompense for the heavy meat inspection burden.

In October a special report on slaughterhouses was presented to the Health Committee in accordance with Circular FSH 6/57.

Cysticercus Bovis continues to be a local problem; 240 cases were diagnosed, equal to an infection rate of 3.89 per cent. This rate is higher than that recorded by the majority of districts in England and Wales, but it is mainly due to the method of examination rather than heavy infection of local cattle.

Seventy-seven carcasses were cold stored in accordance with the Ministry's recommendations and this number equals 1.23 per cent of the adult bovine animals examined. The special examination for the presence of atrophic rhinitis in pigs ceased in September, but inspections continued to be made in certain cases.

Food and Drugs. A total of fifty-seven samples were submitted to the Public Analyst and he reported adversely on five samples. In three cases the meat content of sausages proved to be less than 65 per cent. The other two samples were submitted with a view to obtaining an accurate diagnosis of abnormality.

The milk supply continues to be satisfactory, the one local pasteurization plant is well run and all samples complied with the standard. Milk distribution is now confined to a few firms and consequently the number of separate supplies of milk is much less in number than some years ago.

All food shops, cafés, and factory and school canteens are regularly visited with a view to seeing that the Food Hygiene Regulations are complied with. Further improvements have been carried out at a number of premises and the general standard within the district is satisfactory.

Water Supply. As a result of informal action five cottages at Radwell are now provided with main water. Previously they have had water from an estate supply which had been proved to be unsatisfactory.

General Sanitary Conditions. As in 1956 a considerable amount of time was spent in dealing with itinerant caravan dwellers, but the constant attention has brought about a considerable improvement. This has only been possible by the effective and efficient co-operation of the County Police. The Council caravan site at Orchard Way continues to be well used and there is always a waiting list of applicants for the 29 sites.

Atmospheric Pollution. The Council have adopted the special bye-laws under Section 24 of the Clean Air Act, 1956. During the year there was little trouble from the majority of industrial premises having boiler plants. For some years close attention has been paid to this branch of the work and there is now little industrial pollution. The Health Committee again considered installing atmospheric pollution recording apparatus, but the matter was again deferred.

Rodent Control. There is nothing of importance to report and this is mainly due to the efficiency of the rodenticides now available.

Swimming Bath and Paddling Pool. Routine samples of the water were taken from both places and the results at the swimming bath were all of a high standard.

National Assistance Act. Two cases were dealt with informally under Section 47 and three cases had to be dealt with under Section 50. Some of the latter cases proved difficult and complicated, and in fact 71 separate visits were necessary in connection with the three cases.

Factories. There is nothing unusual to report, the number of non-mechanical factories continues to decrease.

Petroleum Consolidation Acts, 1928. Circular 84/57 was received from the Home Office dealing with the Model Code of principles of construction and licensing for the storage of petroleum. The code was adopted by the local authority.

STATISTICAL RECORDS

1st January-31st December, 1957

GENERAL (under Public Health and Housing Acts);

(a) *Visits and Inspections*

Houses inspected under Public Health Acts	147
Houses reinspected under Public Health Acts	304
Houses inspected under Housing Acts	64
Houses reinspected under Housing Acts	119
Houses visited re defective dustbin	154
Visits re number of occupants	75
Improvement Grant Applications	21
" " Visits	289
Rents Act Certificate Application	6
" " " Visits	57
Movable dwellings inspected	26
Movable dwelling sites visits	161
Nuisances investigated	84
Systematic investigations of district	57
Investigations re water supply	19
" re watercourses and ditches	53
" re sewers	97
" re industrial effluvia	3
" re industrial effluents	14
" re pigeons	4
" re poultry keeping	12
Visits and inspections of entertainment premises	31
" " " of swimming baths	11
" " " of paddling pool	13
" " " of waterworks	3
" " " re atmospheric pollution	63
Smoke observations	27
Drains— smoke tested	33
Drains— water tested	33
Drains— colour tested	13

Visits to works outstanding and in progress	...	...	328
Visits to stables	...	...	4
Visits to piggeries	...	...	28
Visits to refuse tips	...	...	73
Visits re rodent infestation	...	...	1,602
Visits to public conveniences	...	...	5
Miscellaneous visits	...	...	201
Samples of effluent submitted for analysis	...	...	2
„ „ water submitted for analysis	...	...	5
„ „ swimming bath water	...	...	28
„ „ paddling pool water	...	...	12

(b) *Infestations*

	No. of Houses	Visits
Bugs	3	13
Fleas	2	9
Lice	—	—
Beetles and Cockroaches	20	93
Flies	20	29
Mosquitoes	5	6
Wasps' nests	110	111
Other pests	71	82

SUPERVISION OF FOOD SUPPLIES

(a) *Visits and Inspections*

Meat depot	52	Food preparing places	43
Butchers' shops	130	Cowsheds	6
Butchers' vans	5	Ice-cream vendors	31
Fish shops	43	Hawkers of other foods	5
Other food shops	148	Mobile shops	7
Cafés	53	Canteens	33
Bakehouses	8	Hotels	5
Dairies	43	Re food sampling	98
Food warehouses	34		
Dairy vehicles	55		

(b) *Carcases examined*

(1) At Abattoir:

Cows	...	...	476	Calves	...	...	224
Heifers	...	...	1,273	Sheep	...	...	12,316
Bulls	...	...	15	Pigs	...	...	145,213
Steers	...	...	4,396				

(2) At meat depot, shops, other premises and vans:

Beef Qs.				Calves	...	...	3
(i) English	...	123		Sheep	...	...	22
(ii) Imported	...	7		Pigs	...	...	988
				Poultry	...	...	—

(c) *Condemned as unfit for human food*

(1) At Abattoir:

16 cow carcasses	7 calves' heads
9 other beasts' carcasses	8 „ plucks
1 side English beef	5 „ lungs
12 forequarters English beef	2 „ hearts
1 hindquarters English beef	1 „ liver
1,361 lb. English beef	14 „ kidneys
333 beasts' heads	7 „ mesenteries
1,296 „ lungs	7 „ spleens
145 „ hearts	13 „ guts
1,101 „ livers	4 „ other organs
154 „ kidneys	229 pig carcasses
121 „ spleens	1 side English pork
228 „ mesenteries	38 forequarters English pork
206 „ guts	77 hindquarters English pork
35 „ tripes	6,243 lb. English pork
60 „ udders	3,009 pigs' heads
550 „ skirts	1,867 „ plucks
951 „ other organs	29,524 „ lungs
7 „ calf carcasses	4,077 „ hearts
8 lb. English veal	9,950 „ livers
	1,803 „ kidneys

(c) *Condemned as unfit for human food*—(continued)

1,332 pigs' spleens	7 sheeps' hearts
1,336 „ mesenteries	216 „ livers
1,333 „ guts	55 „ kidneys
28 sheeps' carcasses	26 „ spleens
— hindquarters English	12 „ mesenteries
mutton	16 „ guts
88 lb. English mutton	38 „ other organs
10 sheeps' heads	Total weight:
30 „ plucks	
322 „ lungs	212,779 lb.

(2) At wholesale depots, shops and vans:

104 cans corned beef	4 fowls
130 cans corned pork	— cans sausages
8 cans brawn	28 lb. fish fillets
1 can tongue	2 boxes kippers
194 cans meat products	14 boxes herrings
377 lb. English beef	— lb. mixed fish
20 lb. imported beef	64 cans fish
— beasts' heads	116 cans milk
— ox tongue	23 cans cream
— beasts' kidneys	— lb. butter
14 lb. English veal	— lb. margarine
3 lb. English mutton	4 jars honey
9 carcasses English	20 lb. cheese
pork	620 cans vegetables
1 side English pork	758 cans fruit
4 forequarters English	1 lb. dried fruit
pork	14 lb. jam
4 hindquarters English	19 lb. preserves
pork	3 lb. cake
353 lb. English pork	73 pkts. jelly
4 pigs' heads	2 puddings
4 „ plucks	9 lb. rice
46 „ lungs	1 lb. macaroni
4,060 lb. ham	

(d) *Slaughter of animals*

Applications for licences to slaughter animals	...	26
Number of licences granted to slaughtermen	...	26
Amount of fees received	... ..	£1/8/0

CARCASSES INSPECTED AND CONDEMNED (EXCLUDING SHOPS)

		Cattle excluding cows	Cows	Calves	Sheep and Lambs	Pigs { Pork Baconers }		Horses
Number killed	}							
number inspected		5,684	476	224	12,316	80,240	64,973	—

All Diseases except Tuberculosis

(1) Whole carcasses condemned	...	6	10	7	28	184	40	—
(2) Carcasses of which some part or organ was condemned	...	1,555	187	6	376	12,241	7,379	—
(3) Percentage of the number inspected affected with disease other than tuberculosis		27.4	41.3	5.8	3.3	15.4	7.2	—

Tuberculosis only

(1) Whole carcasses con- demned	...	3	6*	—	—	5	—	—
(2) Carcasses of which some part or organ was condemned	...	287	37*	—	—	1,804	1,138	—
(3) Percentage of the number inspected affected with tuber- culosis	...	5.1	9.0*	0.0	—	2.2	1.7	—

Cysticercosis

(1) No. of cases	...	228	12	—	—	—	—	—
(2) No. refrigerated:								
(a) carcasses	...	75	2	—	—	—	—	—
(b) parts	...	153	10	—	—	—	—	—
(3) No. of carcasses totally condemned	...	—	—	—	—	—	—	—

* Includes animals slaughtered because of breakdown in attested herds.

Cow udder infection. As during previous years an examination was made of the udders of all cows slaughtered, and the results are as follows:

	Ten years 1948-1957	1957
Number of cows slaughtered	9,013	476
Tubercular type lesions found in udder and/or supramammary lymphatic glands	134 = 1.5%	1 = 0.21%
Other udder infection	1,317 = 14.6%	29 = 6.09%
<i>Total</i> udder infection	1,451 = 16.1%	30 = 6.2%
Tubercular cows having mammary lesions	5.5% (134 in 2,411 cases)	2.3% (1 in 43 cases)

(e) *Milk Supply*

Three dairy farms are registered by the Ministry of Agriculture, all being licensed for the production of Tuberculin Tested milk. There are nine distributors of milk, six having premises within the urban district. All are licensed to retail Tuberculin Tested milk and pasteurized milk. Seven are licensed to retail sterilized milk. One is licensed to pasteurize milk.

Summary of results of milk samples taken:

	<i>Tuberculin Tested milk</i>		<i>Tuberculin Tested (Pasteurized)</i>		
	(a) Raw	(b) Channel Island Pasteurized	milk	Pasteurized milk	Sterilized milk
Number taken ...	2	10	41	49	9
Methylene blue test:					
Number submitted	2	8	37	41	—
Satisfied	2	8	37	41	—
Failed	—	—	—	—	—
B. Coli:					
Number submitted	—	—	—	—	—
Absent in 1/100 ml.	—	—	—	—	—
Present	—	—	—	—	—
Phosphatase test:					
Number submitted	—	10	41	49	—
Passed	—	10	41	49	—
Failed	—	—	—	—	—
Turbidity test:					
Number submitted	—	—	—	—	9
Passed	—	—	—	—	9
Failed	—	—	—	—	—

Special Milk Samples

number taken: nil.

Ice Cream

Methylene blue test:

Number submitted	...	...	32	
Classified as Grade I	...	...	30	} Satisfactory
Classified as Grade II	...	...	2	
Classified as Grade III	...	...	—	} Unsatisfactory
Classified as Grade IV	...	...	—

Ingredient samples:

Number submitted: nil.

Lollies—ice cream or milk:

Number submitted	...	...	4
Classified as Grade I	...	...	3
Classified as Grade II	...	...	—
Classified as Grade III	...	...	—
Classified as Grade IV	...	...	1

Lollies—fruit:

Number submitted	...	...	1
pH result			—
Classified as Grade I	1

f) Food Samples

Sausage roll	No pathogens isolated
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(g) Food and Drugs Samples

ARTICLE	Number examined			Number adulterated		
	Formal	Informal	Private	Formal	Informal	Private
Milk	16	—	—	—	—
Cream	—	2	—	—	—
Butter	—	1	—	—	—
Butter, peanut	...	—	1	—	—	—
Margarine	—	1	—	—	—
Lard	—	1	—	—	—
Cooking fat	—	1	—	—	—
Beef suet	—	1	—	—	—
Cheese spread...	...	—	1	—	—	—
Welsh rarebit	—	1	—	—	—
Cake	—	2	—	1 *	—
Jam, strawberry	...	—	1	—	—	—
Biscuits, arrowroot	...	—	1	—	—	—
Orange squash	...	—	2	—	—	—
Mustard	—	1	—	—	—
Vinegar, malt...	...	—	1	—	—	—
Pudding, meat	...	—	1	—	—	—
Gravy powder	...	—	1	—	—	—
Tomato ketchup	...	—	1	—	—	—
Peas, garden	—	1	—	—	—
Peas, processed	...	—	1	—	—	—
Almonds, ground	...	—	2	—	—	—
Shrimps	—	1	—	—	—
Sausage roll	—	1	—	1 †	—
Sausage, pork	1	6	—	3 ‡	—
Sausage cocktail	...	—	1	—	—	—
Pork roll	—	1	—	—	—
Salami	—	1	—	—	—
Soup, kidney	—	1	—	—	—
Sardines	—	1	—	—	—
Pilchards	—	1	—	—	—
Salmon	—	1	—	—	—
Totals	17	40	—	5	—

* Foreign body; † Mould; ‡ Meat content less than 65%.

FOOD HYGIENE REGULATIONS AND BYE-LAWS

Visits and inspections	...	...	...	...	...	349
Number of contraventions found	...	...	...	...	...	27
Number of contraventions remedied	...	...	...	...	...	21

INFECTIOUS DISEASES

(a) Visits and Inspections

General	...	...	...	...	...	20
Food poisoning	...	...	...	...	...	26
Re health clinic cases	...	...	...	...	...	6
Hospitals	...	...	...	...	...	2
Schools	...	...	...	...	...	5
Hostels	...	...	...	...	...	28
Nurseries	...	...	...	...	...	8
Specimens taken to laboratory	...	...	...	...	...	11
Number of school notices sent	...	...	...	...	...	1

(b) Disinfection

General cases	...	...	...	...	19 rooms
Tuberculosis cases	...	...	...	...	21
Schoolrooms	...	...	...	...	1
Hospital wards	...	...	...	...	2
Vehicles	...	...	...	...
Library books	...	...	...	...	12
Disinfestations	...	...	...	...	4

Disposal of the Dead

National Assistance Act, Section 50—

Number of cases ...	...	...	...	...	3
Number of visits ...	...	...	...	...	71

FACTORIES AND WORKPLACES

			No. on Register	Inspections	Notices
Non-mechanical factories	...	...	7	14	—
Mechanical factories	...	...	166	148	—
Building operations	...	...	11	7	—
Workplaces	...	...	42	23	—
Outworkers	...	...	59	1	—

Defects found and remedied

				Found	Remedied
Want of cleanliness	...	...	...	5	5
Want of ventilation	...	...	...	—	—
Want of drainage of floors	...	...	...	—	—
Other nuisances	...	...	...	5	5
Sanitary accommodation:					
Insufficient	...	...	...	4	4
Unsuitable or defective	...	...	...	7	7
Other offences	...	...	...	7	8
Matters referred to H.M. Inspector of Factories				...	3
Matters referred by H.M. Inspector of Factories				...	1

PETROLEUM ACTS

Visits and inspections	...	...	...	...	54
Number of contraventions found	...	...	...	...	4
Number of contraventions remedied	...	...	...	...	4
Number of licences granted:					
(a) Petroleum spirit and products	...	...	...	...	48
(b) Carbide of calcium	...	...	...	...	2

Amount of fees received—£40/5/-

SHOPS ACT

Number of shops on register	...	...	...	...	220
Visits and inspections	...	...	...	...	166
Number of contraventions found	...	...	...	...	22
Number of contraventions remedied	...	...	...	...	18

GAME LICENCES

Visits and inspections	...	...	...	...	7
Number of licences granted	...	...	...	...	3

Amount of fees received— 15 -

PET ANIMALS ACT

Visits and inspections	...	...	...	...	1
Number of contraventions found	...	...	...	...	—
Number of contraventions remedied	...	...	...	...	—
Number of licences granted	...	...	...	...	—

Amount of fees received—nil

RAG, FLOCK AND OTHER FILLING MATERIALS ACT, 1951

Number of visits and inspections	...	...	...	...	2
Number of licences in force	...	...	...	...	1

HAIRDRESSERS AND BARBERS BYE-LAWS

Number of visits and inspections	...	...	...	...	8
Number of contraventions found	...	...	...	...	—
Number of contraventions remedied	...	...	...	...	—

OFFICES

Number of visits and inspections	...	...	...	...	16
Number of contraventions found	...	...	...	...	2
Number of contraventions remedied	...	...	...	...	2

This report gives some indication of the variety and scope of the work carried out during the year and I thank all members of the staff for their loyal support and keen interest.

ARTHUR JUMP,

Chief Public Health Inspector.

Public Health Office
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June 1958